

ABSTRACT

A method of reinforcing an embedded cylinder pipe (1) by applying a composite structural reinforcement within the pipe through in situ stratification of at least one band (3) of reinforcement fibers and a resin or a resin including matrix comprising the steps of

- applying said band onto a contact area (4) on an internal face (2) of said pipe by means of a contacting member (40);

- moving said contacting member (40) along an helical path so that said contact area follows said path;

- moving a main pressing member (50) behind said contacting member (40) along said path, to apply pressure to said band (3) in a main pressure area (5) separated from said contact area (4).

Related device for reinforcing an embedded cylinder pipe (1) by applying a composite structural reinforcement within the pipe.